Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY'S DKT NO.	APPLICATION NO.
040071-245	09/996,513
APPLICANT: Johan NILSSON et al.	
FILING DATE: November 28, 2001	GROUP: 2631

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document: Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
PN	5 191 598		Bäckström et al.	03-02-1993
PN	5 583 886		Rohani et al.	12-10-1996
PN	5 680 419		Bottomley	10/21/1997
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PN	09/573,157		Nilsson	05-19-2000

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document: Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation: Yes	Translation: no
PN	05172694		JP(Abstract)	01-10-1995	x	
PN	08214496		JP(Abstract)	02-20-1998	x	
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PN	01 89115	A	WO	11/22/2001	Abs	
PN	1 089 458	A2	EP	04/04/2001	x	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
PN	Proakis, John G., "Digital Signaling over a Bandwidth-Constrained Linear Filter Channel, 6.7.2 An Adaptive Channel Estimator", *Digital Communication, Second Edition*, 1989, pp. 624-627
PN	"3rd Generation Partnership Project (3GPP); Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (FDD), 3 G TS 25.211 version 3.3.0, Release 1999, pages2-42.
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PN	J.H. Winters, "Signal Acquisition and Tracking with Adaptive Arrays in the Digital Mobile Radio System IS-54 with Flat Fading", IEEE Trans. Veh. Technol., vol. 42, pp. 377-384 (Nov. 1993).
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PN	"3rd Generation Partnership Project (3GPP); Universal Mobile Telecommunications Systems (UMTS); Physical Layer Procedure (FDD); 3GPP TS 25.214 version 3.4.0, Release 1999, pages1-48

Examiner Signature	Pankaj Kumar	Date Considered	3/2003

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

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THIRD INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	09/996,513
Filing Date	November 28, 2001
First Named Inventor	Johan NILSSON et al.
Examiner Name	Unassigned
Attorney Docket Number	040071-245

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Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
PH	5,267,261		Blakeney et al.	11-30-1993

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PH	1 191 713	A1	EP	03-27-2002		

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner Signature	Parker Ahmer	Date Considered	3/2003

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